

## Attributes of ideal renewable energy and transmission project sites

1. Proximity to existing infrastructure (transmission interconnects)
2. Proximity to major highways
3. Availability of wastewater resources for cooling and cleaning
4. New roads not needed or diminished
5. Makes use of previously disturbed sites
  - a. Retired farmland
  - b. Contaminated sites (agricultural or industrial, such as Westlands Water district selenium lands)
  - c. other (private lands?)
6. Makes maximum use of lands outside of protected areas
  - a. Statute and policy exclusions
  - b. Identified wildlife protection areas
    - i. ACECs
    - ii. DWMAs
    - iii. Private-public lands
    - iv. Soft and hard HCP/NCCP areas
  - c. Mitigation bank lands
  - d. Proposed wilderness areas as described in May 2008
7. Efficient production or electricity
  - a. High output per acre
  - b. Accommodates more than one source of power?
8. Minimizes scenic concerns
9. Environmental Factors (These factors would be relevant if creating a nature preserve so should be relevant in the flip side of that process, development)
  - a. Species Richness/Diversity (could use all state listed spp or all spp dfg has data on divided by plants, mammals, lizards, and birds)
  - b. # of habitat types in CREZ (ether use DFG GIS maps or CALFIRE's maps both use different standards for habitat types)
  - c. % of area in 5 or x mile buffer of CREZ that falls into A+B list